

WIS PROJECT ID: 6220-00-62 WITH: N/A COUNTY: WAUPACA

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6220-00-62	WISC 2019227	1

ORDER OF SHEETS		
Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 92



DESIGN DESIGNATION		STH 22		
		B-68-30	B-68-32	B-68-50
A.A.D.T.	2020	= 3000	4200	5700
A.A.D.T.	2040	= 3700	5300	7100
D.H.V.		= 330	521	649
D.D.		= 60/40	59/41	60/40
T.		= 20.1%	21.1%	20.1%
DESIGN SPEED		= 60 MPH	60 MPH	60 MPH
ESALS		= N/A	N/A	N/A

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS

PROPERTY LINE

LOT LINE

LIMITED HIGHWAY EASEMENT

EXISTING RIGHT OF WAY

PROPOSED OR NEW R/W LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT (Box or Pipe)

COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA

PROFILE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE (To be noted as such)

SPECIAL DITCH

GRADE ELEVATION

CULVERT (Profile View)

UTILITIES

ELECTRIC

FIBER OPTIC

GAS

SANITARY SEWER

STORM SEWER

TELEPHONE

WATER

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE

ROCK

LABEL

95.36

E

FO

G

SAN

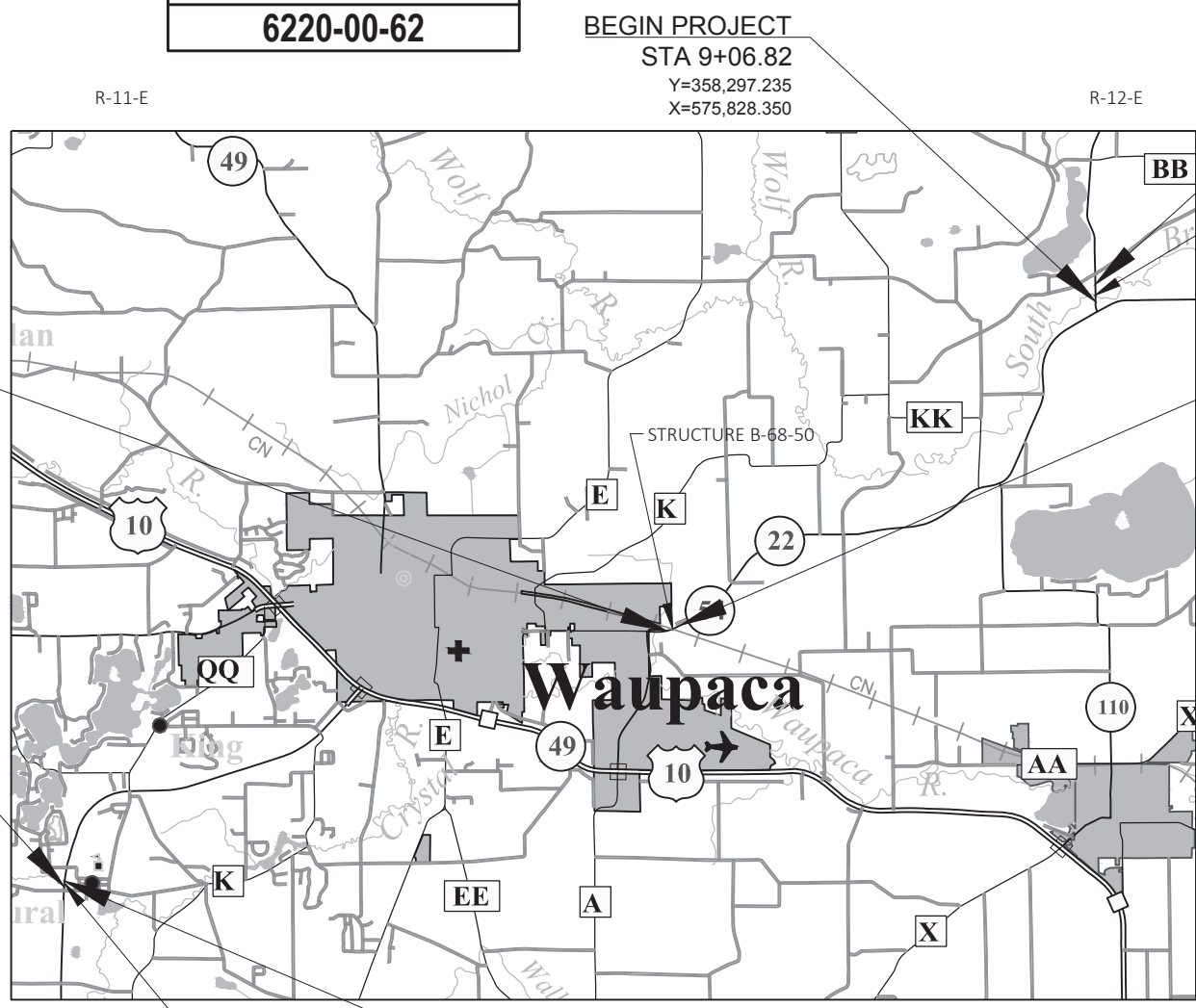
SS

T

W

WAUTOMA - CLINTONVILLE
WAUPACA CTY BRIDGES B-68-30, 32, 50
STH 22
WAUPACA COUNTY

STATE PROJECT NUMBER
6220-00-62



LAYOUT
SCALE 0 2 MI
TOTAL NET LENGTH OF CENTERLINE = 0.000 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, WAUPACA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 88).

ORIGINAL PLANS PREPARED BY

AECOM

JESSICA L. LANCELLE
E-44657
MILWAUKEE
WISCONSIN

14/31/18

DATE: (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor AECOM

Designer AECOM

Project Manager WENDY AR

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

RADII, ELEVATIONS, AND DIMENSIONS ARE GIVEN AT THE PAVEMENT EDGES, UNLESS OTHERWISE NOTED IN THE PLANS.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, AND MULCHED.

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
TRAFFIC CONTROL

UTILITY CONTACTS

B-68-30
KENNETH J. VAN OSS
WE ENERGIES - ELECTRICITY
800 S. LYNNDALE DRIVE
APPLETON, WI 54912
PHONE: 920-380-3318
EMAIL: KENNETH.VAN-OSS@WE-ENERGIES.COM

B-68-30
RICK SCHMUTZER
SOLARUS-COMMUNICATIONS LINE
440 EAST GRAND AVENUE
WISCONSIN RAPIDS, WI 54495
PHONE: 715-572-0220
EMAIL: SCHMUTZ@SOLARUS.NET

B-68-32
WE ENERGIES - GAS
RYAN MIENTKE
1921 8TH STREET SOUTH
WISCONSIN RAPIDS, WI 54494
PHONE: 715-421-9293
EMAIL: RYAN.MIENTKE@WE-ENERGIES.COM

B-68-32 & B-68-50
WISCONSIN PUBLIC SERVICE CORPORATION - ELECTRICITY
DAVE PETERSON
3300 N. MAIN STREET
OSHKOSH, WI 54901
PHONE: 920-680-2036
EMAIL: DAVID.PETERSON@WISCONSINPUBLICSERVICE.COM

B-68-32 & B-68-50
CHARLES BARTELT
AT&T WISCONSIN - COMMUNICATION LINE
70 E DIVISION STREET
FOND DU LAC, WI 54935
PHONE: 920-410-5104
EMAIL: CB1461@ATT.COM

B-68-32
RUDI RUDIGER
CHARTER COMMUNICATIONS - COMMUNICATION LINE
5024 HEFFRON STREET
STEVENS POINT, WI 54481
PHONE: 715-204-5339
EMAIL: RUDI.RODIGER@CHARTER.COM

B-68-50
ATC MANAGEMENT, INC - ELECTRICITY - TRANSMISSION
CHRIS DAILEY
PO BOX 47
WAUKESHA, WI 53187
PHONE: 262-506-6884
EMAIL: CDAILEY@ATCLLC.COM

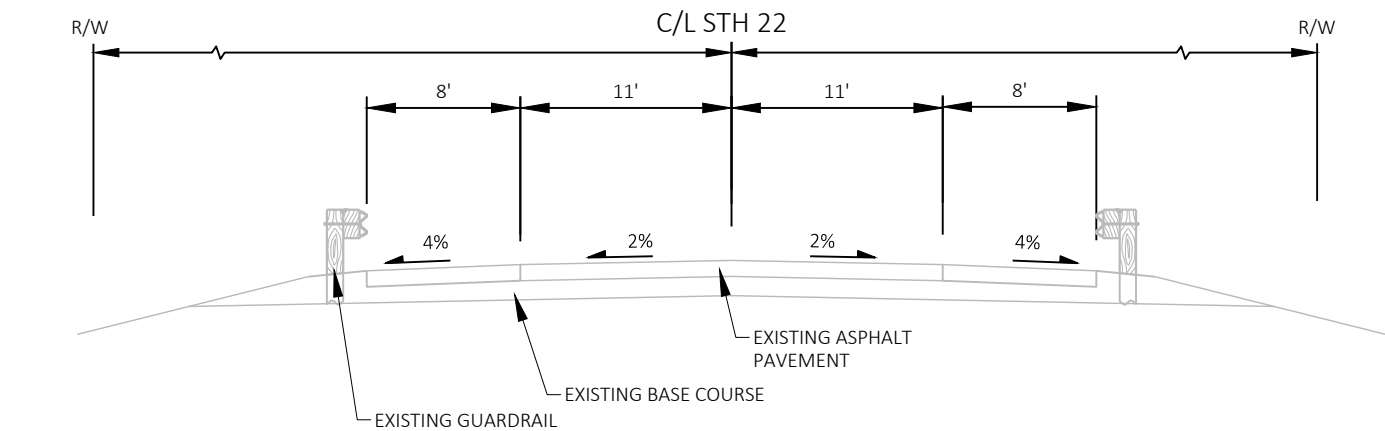
PROJECT CONTACTS

CASEY JONES
WDNR LIAISON
473 GRIFFITH DRIVE
WISCONSIN RAPIDS, WI 54494
PHONE: 715-421-7867
EMAIL: CASEY.JONES@WISCONSIN.GOV

WISCONSIN CENTRAL LIMITED RAILROAD
JACKIE MACEWICZ, MANAGER PUBLIC WORKS
1625 DEPOT STREET
STEVENS POINTS, WI 54481
PHONE: 715-345-2503
EMAIL: JACKIE.MACEWICZ@CN.CA

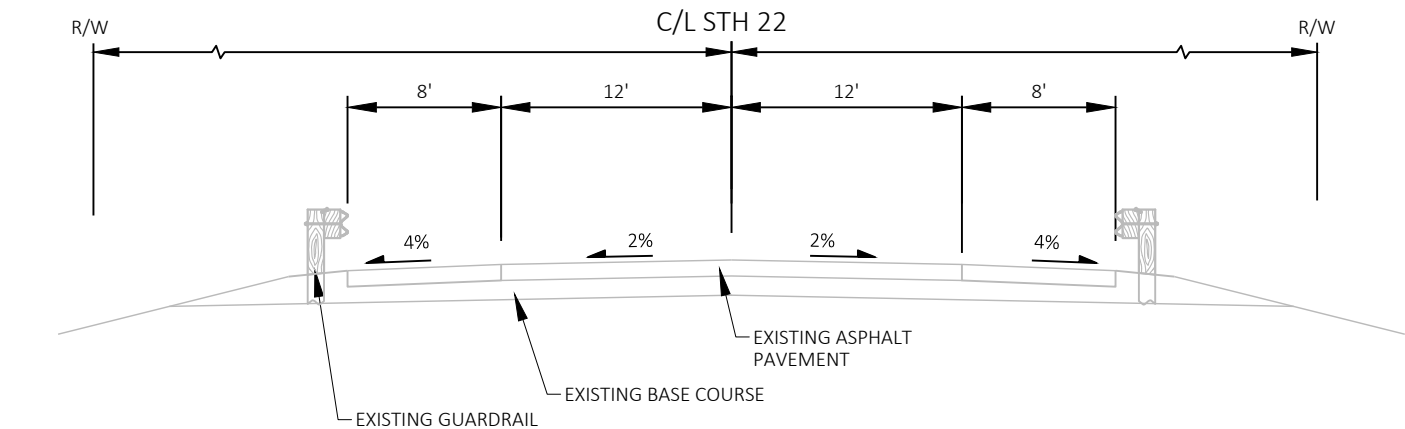
RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	0.08	0.16	0.22	0.12	0.20	0.27	0.15	0.24	0.33	0.19	0.28	0.38
	0.22	0.30	0.38	0.26	0.34	0.44	0.30	0.37	0.50	0.34	0.41	0.56
MEDIAN STRIP- TURF	0.19	0.20	0.24	0.19	0.22	0.26	0.20	0.23	0.30	0.20	0.25	0.30
	0.24	0.26	0.30	0.25	0.28	0.33	0.26	0.30	0.37	0.27	0.32	0.40
SIDE SLOPE- TURF			0.25			0.27			0.28			0.30
		</										



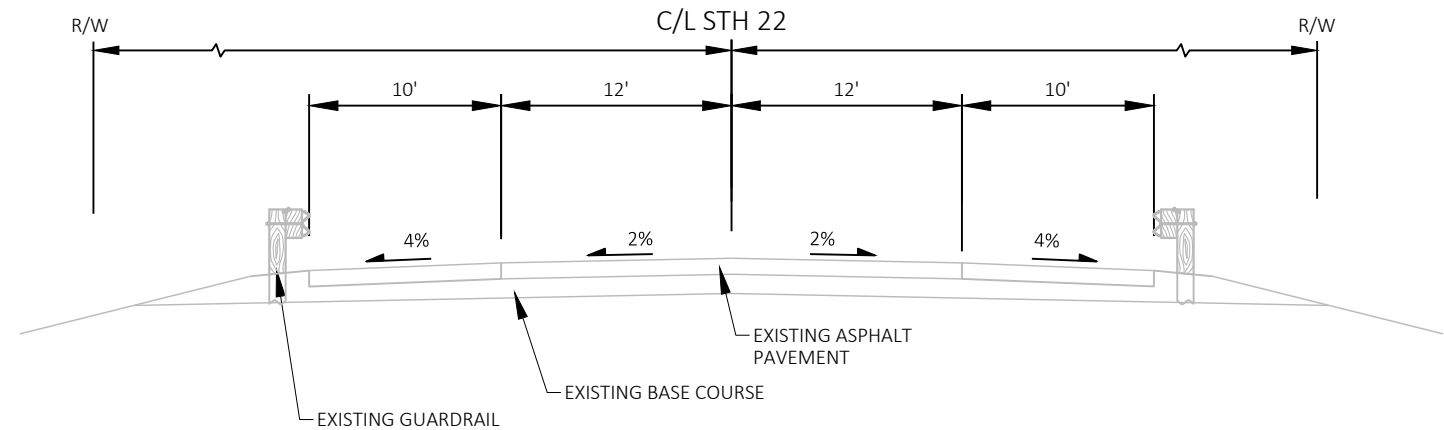
TYPICAL EXISTING SECTION

B-68-30
STA 9+06 TO STA 11+00



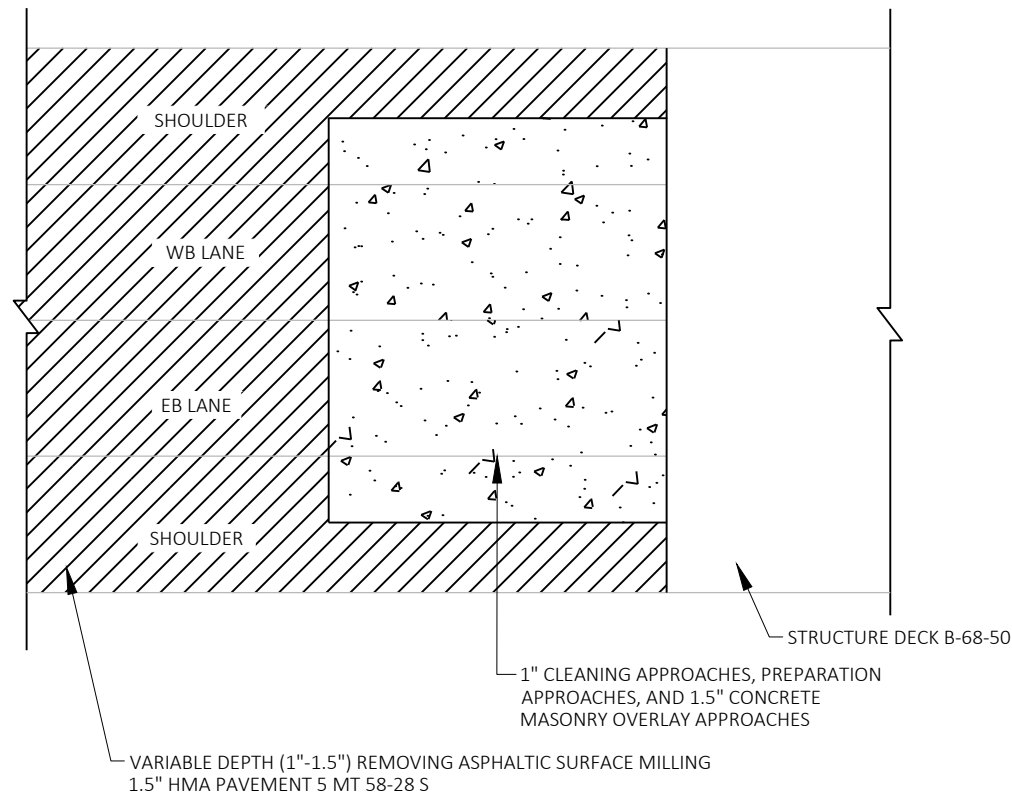
TYPICAL EXISTING SECTION

B-68-32
STA 441+31 TO STA 442+68

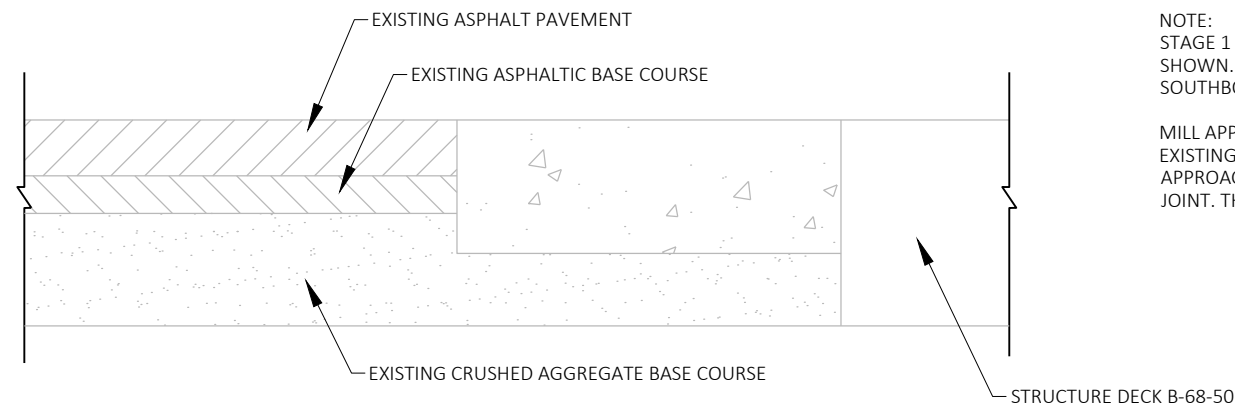


TYPICAL EXISTING SECTION

B-68-50
STA 121+10 TO STA 124+66



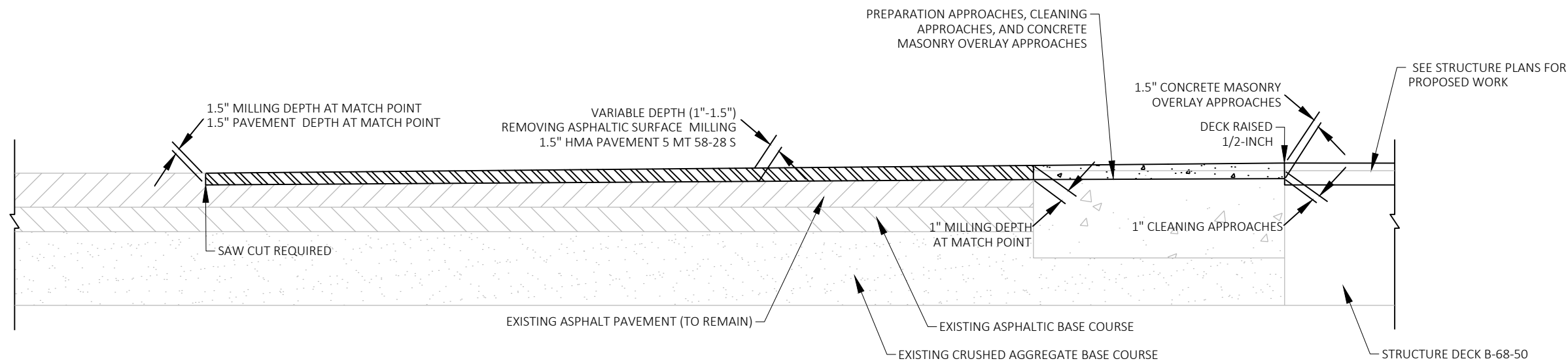
PROPOSED PLAN VIEW



EXISTING PAVEMENT SECTION

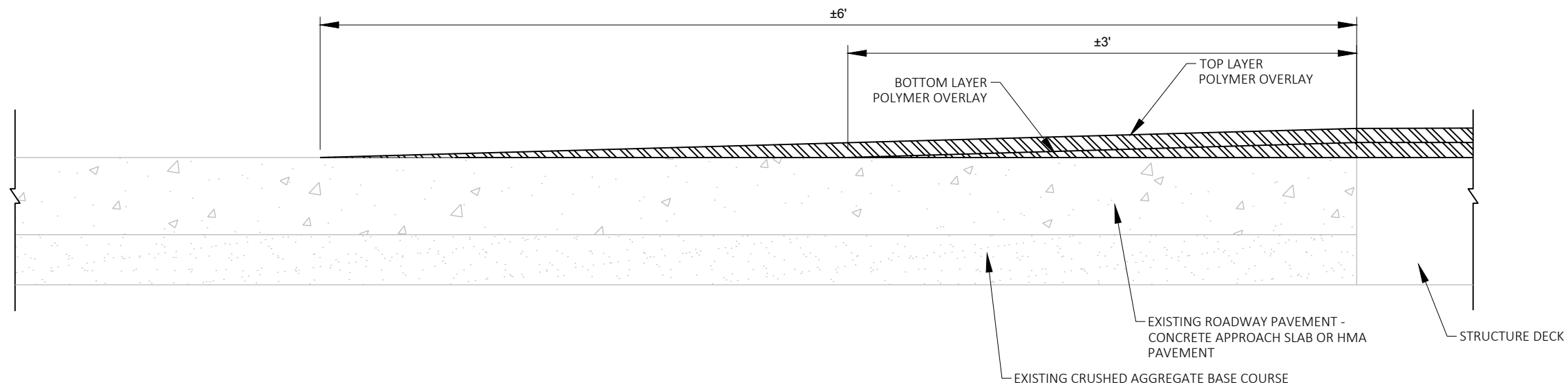
NOTE:
STAGE 1 NORTHBOUND LANE APPROACH
SHOWN. MIRROR DETAIL FOR
SOUTHBOUND APPROACH AND STAGE 2.

MILL APPROACH SLAB AT 1" DEPTH. MILL
EXISTING HMA AT VARIABLE DEPTH: 1" AT
APPROACH SLAB, 1.5" AT ROADWAY
JOINT. THEN PLACE 1.5" HMA OVERLAY.



PROPOSED PAVEMENT SECTION B-68-50

B-68-50: STA 121+10 TO 121+86
STA 123+94 TO 124+66 (MIRROR)



POLYMER OVERLAY TRANSITION DETAIL

NTS

NOTE:
POLYMER OVERLAY TO BE PLACED FULL WIDTH COVERING
PAVEMENT AND SHOULDERS.

PLACE AFTER MILLING AND HMA APPROACH PAVEMENT
COMPLETED.

POLYMER TRANSITION INCIDENTAL TO "POLYMER OVERLAY"
BID ITEM ON STRUCTURE PLAN.

PROJECT NO: 6220-00-62

HWY: STH 22

COUNTY: WAUPACA COUNTY

CONSTRUCTION DETAILS

SHEET

E

ACTUATED TIMING B-68-30
TEMPORARY TRAFFIC SIGNALS
STAGES 1, 2, 3, AND 4

	PHASE (sec)	
	01	02
MIN GREEN	12	12
PASSAGE	3	3
MAX 1	30	30
YELLOW	5	5
RED	21	21

ACTUATED TIMING B-68-32
TEMPORARY TRAFFIC SIGNALS
STAGES 1, 2, 3, AND 4

	PHASE (sec)	
	01	02
MIN GREEN	12	12
PASSAGE	3	3
MAX 1	30	30
YELLOW	5	5
RED	19	19

ACTUATED TIMING B-68-50
TEMPORARY TRAFFIC SIGNALS
STAGES 1, 2, 3, AND 4

	PHASE (sec)	
	01	02
MIN GREEN	12	12
PASSAGE	3	3
MAX 1	50	50
YELLOW	5	5
RED	26	26

TEMPORARY TRAFFIC SIGNALS

